## **EAST Search History**

| Ref<br># | Hits | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|--|---------------------|---------|------------------|
| Li       | 971  | "257"/\$.ccls. and (substrate wafer carrier board) with first with (bump ball) same (chip ic die) and reflow\$3 | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON.     | 2006/04/23 14:11 |
| L2       | 333  | I1 and flux   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/04/23 14:09 |
| 13       | 4383 | "257"/\$.ccls. and (substrate wafer carrier board) same (bump ball) same (chip ic die) and reflow\$3            | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/04/23 14:18 |
| L4       | 1315 | I3 and flux   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/04/23 14:11 |
| L5       | 521  | l4 and (bump ball) with (tin Sn)  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/04/23 14:12 |
| L6       | 209  | 15 and pin  | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/04/23 14:12 |
| L7       | 1887 | "438"/\$.ccls. and (substrate wafer carrier board) same (bump ball) same (chip ic die) and reflow\$3            | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/04/23 14:20 |
| L8       | 615  | 17 and flux   | USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2006/04/23 15:02 |